Substitute for form 1449A/PTO & 1449B/PTO

SECOND

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet of

Complete if Known **Application Number** 10/767,268 Filing Date January 30, 2004 First Named Inventor Qinglin Li et al. **Examiner Name** Not Yet Assigned **Attorney Docket Number** 021238-532

MAR 0 3 2005

U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
CHIL	6,564,808	B1	Hempfling et al.	05-20-2003
MAN	6,755,200	B1	Hempfling et al.	06-29-2004
1910	2003/0056801	A1	Krauss et al.	03-27-2003

FOREIGN PATENT DOCUMENTS											
							ST	ATUS			
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
						·					
								<u> </u>			
									L		
									Щ		
		>	a :								
L							L	L	L		

NON-PATENT LITERATURE DOCUMENTS					
Examiner Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country wh					
15/	Cui et al., "Effect of Maleic Hydrazide Application on Accumulation of Tobacco-Specific Nitrosamines in				
C/16	Air-Cured Burley Tobacco", Journal of Agricultural and Food Chemistry, December 1994, Vol. 42(12),				
/ pages 2912-2916 (Abstract Only)					
10/4	Chamberlain et al., "Effects of Curing and Fertilization on Notrosamine Formation in Bright and Burley				
//	Tobacco", Beitrage zur Tabakforschung, Vol. 15(2), pages 87-92 (Abstract Only);				
ab,	MacKown et al., "Nitrate Assimilation in Tobacco Leaves Treated with Maleic Hydrazide to				
	Control Axillary Bud Growth", Crop Science, Vol. 35(1), pages 195-199 (Abstract Only)				
1/8	International Search Report and Written Opinion dated January 21, 2005 for PCT/US04/02546.				

Examiner Signature Date Considered Of Mill OT

*EXAMINER: Initial difference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and net considered. Include copy of this form with next communication to Applicant.

Substitute for form 1449APTO & 1449B/PTO MAR 1 6 2004 FIRST INFORMATION DISCLASSIAND STATEMENT BY APPLICANT

of

1

Sheet

Complete if Known				
Application Number	10/767,268			
Filing Date	January 30, 2004			
First Named Inventor	Qinglin LI et al.			
Examiner Name	Not Yet Assigned			
Attorney Docket Number	021238-532			

U.S. PATENT DOCUMENTS					
Examiner	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)	
Inflials	4,581,057		Noodén	04-08-1986	
71	4,671,816		Bleisener et al.	06-09-1987	
	4,943,315		Schulz et al.	07-24-1990	
	5,201,931		Abrams et al.	04-13-1993	
	5,391,568		Chung	02-21-1995	
	5,627,132		LeBeau	05-06-1997	
1/	5,829,449		Hersh et al.	11-03-1998	
	5,851,953		Pehu et al.	12-22-1998	
018	6,138,683		Hersh et al.	10-31-2000	

/	NON-PATENT LITERATURE DOCUMENTS
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
H	"Nitrites", http://ace.orst.edu/info/extroxnet/faqs/additive/preserca.htm (1997)
7	Anna Wiernik et al., "Effect of Air-Curing on the chemical Composition of Tobacco", Recent Adv. Tob. Sci., (1995), 21: 39-80.
	Jaw-Neng Lin et al., "Effect of exogenous H ₂ O ₂ on leaf senescence Effect of oxidative Stress caused by hydrogen peroxide on senescence of rice leaves", http://ejournal.sinica.edu.tw/bbas/content/1998/3/bot93-03.html
·	Con Baker, et al., "Production of Extracellular Phenolic Antioxidants Provdes a Buffer Against Low-Level Buildup of Ros in Plants",
	http://www.nps.ars.usda.gov/publications/publications.htm?SEQ_NO_115=117167
	Przemyslaw WOJTASZEK, "Oxidative burst: an early plant response to pathogen infection", <i>Biochem. J.</i> , (1997) 322:661-692
	J. Brian Mudd, "Biochemical Reactions of Ozone in Plants 1", PSW-GTR-164; http://www.rlf.psw.fs.fed.us/pubs/psw-qtr-164/fulltext/mudd/mudd.html
	Yoshiko Miyagawa et al., "Evaluation of the Defense system in Chloroplasts to Photooxidative Stress Caused by Paraquat Using Transgenic Tobacco Plants Expressing Catalase from Escherichia coli", Plant Cell Physiol, 41(3): 311-320 (2000)
	James F. Dat et al., "Changes in Salicylic Acid and Antioxidants during Induced Thermotolerance in Mustard Seedlings", <i>Plant Physiol.</i> (1998) 118: 1455-1461
	Ron Mittler et al., "Transgenic tobacco plants with reduced capability to detoxify reactive oxygen intermediates are hyperresponsive to pathogen infection", PNAS, November 23, 1999, Vol. 96, No. 24, pp. 14165-14170
	EXTOXNET, Extension Toxicology Network, Pesticide INformation Profiles – Paraquat - http://ace.orst.edu/info/extoxnet/faqs/additive/preserca.htm
	Benzie and Strain, Meth. Enzymology 299: 15-27 (1999)
	R. Anderson, "Assessment of the roles of vitamin C, vitamin E, and beta-carotene in the modulation of oxidant stress mediated by cigarette smoke-activated phagocytes", <i>American Journal of Clinical Nutrition</i> , 1991 Jan; 53 (1 Suppl.): 358 S-361 S.
7	Padma et al., "Anticarcinogenic effect of betel leaf extract against tobacco carcinogens", Cancer Letters, 1989 Jun; 45 (3): 195-202
QII	A.B. Weitberg et al., "Oxygen radicals potentiate the genetic toxicity of tobacco-specific nitrosamines", Clinical Genet. 1993 Feb; 43 (2): 88-91

Examiner	Date
Signature	Considered
*EVANAINIED	Initial if reference and ideal and the theory of the table and in the state of the

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



of

Sheet

Сот	plete if Known
Application Number	10/767,268
Filing Date	January 30, 2004
First Named Inventor	Qinglin LI et al.
Examiner Name	Not Yet Assigned
Attorney Docket Number	021238-532

NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials /	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
T. Rundlof et al., "Potential nitrite scavengers as inhibitors of the formation of N-nitrosamines in solution and tobacco matrix systems", Journal of Agricultural Food Chemistry, 2000 Sep; 48 (9): 4381-8					
77	A.B. Weitberg et al., "Effect of vitamin E and beta-carotene on DNA strand breakage inducted by tobacco- specific nitrosamines and stimulated human phagocytes", <i>Journal of Exp. Clinical Cancer Research</i> , 1997 Mar; 16 (1): 11-4				
	A.B. Weitberg et al., "The effect of epigallocatechin galleate and sarcophytol A on DNA strand breakage induced by tobacco-specific nitrosamines and stimulated human phagocytes", <i>Journal of Exp. Clinical Cancer Research</i> , 1999 Sep; 18 (3): 433-7				
0.1	S.S. Hecht, "DNA adduct formation from tobacco-specific N-nitrosamines", <i>Mutation Research</i> , 1999 Mar 8; 424 (1-2): 127-42				
116	Camia Borek, Ph.D., "Aging Gracefully with Antioxidants", from the March 1998 Issue of Nutrition Science News				

Examiner	Date	
Signature	Considered	